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U. S. Department of Agriculture

1872.

WHOLESALE CATALOGUE,

OF

SUPERIOR

HYACINTH BULBS,

AND OTHER

FLOWERING ROOTS,

FROM

VAN BE & NIEUWLAND,

No. 13 FIRST STREET,

NEW YORK.

Retail Prices in this List
ARE ALWAYS 150 PERCENT HIGHER IN NEW YORK.

WASHINGTON HULL, Steam Book and Fine Job Printing Establishment,
No. 65 Second Street.

NOTE.—HIGH DISCOUNT, AND NO CHARGES WHATEVER.

NEW YORK, MAY, 1872.

13 FIRST STREET.

M

Encouraged by the great success our firm, (late E. J. Nieuwland) has met with in the United States, for the sale of our

SUPERIOR

HYACINTHS, TULIPS, CROCUSSES, and Other FLOWERING BULBS.

we hereby submit to your attention our Catalogue for 1872.

We wish to call your particular attention—1st, to the fact that in our prices, "which you will find, compared with others, *the very lowest in the U. S.*," are included all the expenses for Boxes, Packing, Consul's Certificate, Freight, Transhipment Charges in England, New York Custom House Expenses, Duties, Marine Insurance, etc. etc. And 2d, on the discount which we allow as follows:—

On amounts from	$ 10	to	$ 25	.....	5	per cent.
" " "	25	"	50	.....	8	"
" " "	50	"	100	.....	12	"
" " "	100	"	500	.....	15	"
" " "	500	"	1000	.....	17	"

Payments strictly Cash, before the goods leave our possession in the fall. Responsible parties who can give first-class New York references, may pay 50 per cent. upon receipt of the goods ordered, (as a covering for duties and expenses), and the balance of the amount on the 15th of December. The prices being put down low, and goods of *superior* quality, no long credit can be granted.

You will please forward your orders before *June the 15th*, as one of our firm leaves every June for Holland, to make selections from the most prominent florists in Holland, who, for over half a century have been most successful in raising these Bulbs.

Orders for *Hyacinths*, *Tulips*, *Crocusses*, etc. will be filled during the early part of September, while some of the other flowers will arrive some time later.

In forwarding your orders please insert only the number and quantity indicated in the Catalogue; also, we invite you to specify *Name*, *Address*, *County* and *State* in full, at the same time by what route or express you wish to have them forwarded to your address, which latter expenses are for your account.

Although our Catalogue comprises but 371 Numbers, we are prepared to furnish all Bulbs which may be found in other Catalogues, at wholesale prices.

In the execution of your orders, you may rely upon the most liberal treatment, and all our efforts shall be directed to form a permanent and satisfactory connection.

Respectfully yours.

GRUBE & NIEUWLAND,

13 FIRST STREET.

THE HYACINTH.

Its beauty, fragrance, easy culture and wonderful adaptation have justly merited for it the appellation of *Domestic Flower*. It is alike a favorite with the denizens of the city and the dwellers in the country, and is adapted for cultivation in pots and glasses, in the house or in beds, patches, edgings or ribbons in the open air. It grows freely in almost any medium capable of retaining moisture, and will generally produce as fine spikes of bloom when grown in sand, moss or water, as when planted in the richest compost. We therefore recommend its use in the following:

Ancient relics and ornaments, such as vases, bowls, dishes, cornucopias, &c., of whatever size, shape or form, from the small ornament that will hold a crocus to that old and once familiar relic, the large family punch bowl, capable of holding a dozen Hyacinths, etc.; these filled with moss or sand, and planted with various bulbs, while they cherish a sweet remembrance of the past, their occupants, full of fresh life and beauty enliven the dull days of winter, and with successional plantings may be made so many connecting links between the glorious summer and the lovely spring.

Wire and rustic work also play their part; be the device a simple basket suspended in the conservatory, a pretty Berlin flower-basket on the sitting-room table or window, or a flower stand terraced or flat lined or not with zinc, and filled with moss, will grow bulbs to perfection.

Zinc, which can readily be formed into any device, may be made to occupy the whole front of a sitting room window, and if filled with moss or sand according to taste or convenience, and planted with Hyacinths, Crocuses, Snowdrops, Tulips, Polyanthus, Narcissus, and Dwarf Scillas, would in itself form a complete minature winter flower garden.

The Dutch have another very interesting mode of culture; they take a flat dish, either crystal or porcelain, about the depth of a soup plate, and according to its size, place 3, 6, 9 or 12 strong healthy bulbs in about half an inch of water. In a few days the roots begin to spread out horizontally, and so clasp each other that in the course of a few weeks they form a natural support for the group. The bulbs may or may not be covered with moss.

In whatever manner the Hyacinth may be grown, it unquestionably deserves everything that may be said in its favor.

TIME OF PLANTING.

Nature here is a good guide. Whenever the bulbs begin to throw out their roots, it is a sign that they want a medium to root in. Select such as show a disposition to start, for the first planting, say about the middle of September. Successive plantings may be made fortnightly until the first of January Your first plantings will then be in bloom about Christmas, and your last in May.

From the middle of October to the end of November is early enough for planting out of doors. By covering the ground with straw of stable manure, to keep the frost out, they may be successfully planted as late as January.

After the early part of December, Hyacinths intended for glasses would flower better if first planted in pots, and when half grown turned out and the roots freed from the soil, which is easily done in tepid water, and afterward grown in glasses as intended.

CULTURE OF HYACINTHS IN BEDS.

Hyacinths may be planted in the open ground at any time from September to December. In open Winters or in the South, they may be planted so long as the ground can be worked. Any well drained garden soil is easily rendered suitable for growing Hyacinths. If the soil is of a strong adhesive nature, add two inches of sharp sand, and as much well decayed manure. The soil should be well dug to the depth of fourteen inches, and raised from two to four inches from the level of the walks, taking care to mix the sand and the manure with the soil; open loamy soils will require merely a liberal dressing of manure and deep digging. Plant the bulbs four inches deep and from six to eight inches apart. Before the winter sets in cover the beds with two or three inches of decayed leaves, straw or manure, which will benefit them, and help keep out the frost. This should be removed as soon as hard frosts are over.

CULTURE OF HYACINTHS IN POTS.

The Hyacinth will grow in almost any light sandy soil. But to cultivate them most successfully, they should be planted in a mixture composed of one-half decomposed turfy loam, with the remainder equal parts of well rotted manure, leaf mould and river sand, thoroughly incorporated together. The pots used for single Bulbs should be about five inches in diameter; some prefer to plant two, three or five Bulbs in pots of proportionate size which will produce a fine display. In potting, each Bulb should remain two-thirds above the surface of the soil. When thus placed, water them well to imbed the Bulbs firmly within the soil; after potting, place them in a *cool, dark place*, so as to encourage a strong developement of roots before the bulb starts at the top. This may be done by burying the pots to the depth of five or six inches in the open ground for six weeks; or they may be placed in a cool cellar, covering the pots with five or six inches of sand. Remove them from such situation as soon as the roots reach the bottom of the pot. When the pots are brought from the bed or the cellar, keep them shaded until the leaves get green; then place them on the green-house shelf or parlor window. They will need moderate watering until they begin to grow, when water should be freely given, and an *abundance* of air in *mild* weather.

CULTURE OF HYACINTHS IN GLASSES.

The bulbs should be so placed that only the base of each will touch the water. Then remove them to a *cool, dark* place. When the glasses are moderately filled with roots, which will be in about two or three weeks, they should be *exposed to the light and air as much as possible.* The water should be changed once in two or three weeks, or if a small lump of charcoal is placed in the glass, it will not be necessary to change the water so often. *Never use spring water if you can get clear rain water.* Care should be taken that they are not exposed to frost, as it would not only burst the glass, but injure the fibres to some extent. Single Hyacinths generally succeed best in water, but those of the double designated thus * are also adapted for water.

CULTURE OF HYACINTHS IN MOSS.

The Hyacinth will grow and bloom in flower pots, vases, etc. filled with fresh moss, as well as in earth or water. Place the moss loosely in the pot or vase, on which plant the Hyacinth, covering the Bulb with the moss, then moisten the whole, which should be repeated two or three times a week. Narcissus, Early Tulips and Crocus may be treated in the same way. It is well to give the Crocus as much air as possible in their first stage of growth, by placing them outside of the window when there is no danger of frost.

CULTURE OF HYACINTHS IN SAND.

Take a china bowl, glass dish, vase, or in fact anything of an ornamental character, capable of containing moisture, fill it with silver sand in the shape of a pyramid. In the centre plant a Hyacinth, and at equal distances round the sides three or more, according to the size of the vessel, filling up the spaces between with Crocus, Snow-drops, Dwarf Tulips, Jonquils, Dwarf Scillas, or a mixture of all. In planting, the bulbs should be carefully pushed into the sand, allowing the top alone to be seen. The vessel should then be immersed in a bucket of water for about five minutes, in order to fix the bulbs in their position. The bath must be repeated once a week, or oftener, if required, for on no account should the sand be allowed to get dry. *Place it in the* DARK *for a* FORTNIGHT, *and afterwards in any* COOL, WELL-LIGHTED *airy room.*

SINGLE HYACINTHS.

All the Single Hyacinths are very proper for forcing; those marked ** are the earliest; † the late sorts.

aa, are flowers for exhibitions; *a*, very fine and superior sorts; *b*, good flowers; *c*, flowers of no great value.

Single Red.

No,		each.
† 1	Ami, *dark red, aa*....	$0.10
* 2	Agnes, (extra) *dark red, aa*....	16
3	Appelius, *dark red, a*....	12
4	Betsy, *a*....	9
5	Charlotte Marianne, *red, a*....	9
6	Cardinal Rouge....	12
7	Delia....	9
† 8	Dibitsch Sabalkaski, *dark red, a*	12
9	Duchesse de Richmond, *aa*....	15
10	Elisa, (new, extra) *red, a*....	13
**11	Emilius, *rose, a*....	12
12	Emeline, *rose, aa*....	16
13	Financée Royale (new) *a*....	21
14	Gigantea, *light rose, aa*....	12
15	Glory of the Netherlands, *rose, a*....	12
16	Goerres, *dark red, C*....	8
**17	Homerus, (the earliest)....	16
18	Kenau Hasselaar, *rose, a*....	8
19	La Bella Corrina, *a*....	9
20	La Dame du Lac, (extra) *deep rose, aa*.	16
21	La Désiré....	9
22	L'Adorable, *aa*....	10
23	L'ami du Cœur, *a*....	9
*24	L'Honneur de Sassenheym....	9
25	Lord Wellington, *rose, a*....	13
26	Mme. de Maintenon, *a*....	8
27	Mme. Hodson, *dark red, a*	9
28	Mlle. Rachel, (extra) *dark red, aa*....	12
29	Maria Cornelia, (new)....	21
†30	Mars, *dark, a*....	12
31	Monsieur de Faesch, *dark red, a*	10
**32	Norma, *rose, aa*....	10
†33	Prosper Alpino, (new extra) *dark, aa*..	21
34	Pyramide Royal....	12
35	Queen Victoria Alexandria.(new) *d. redaa*	16
**36	Restored Peace, *dark red, a*....	12
37	Robert Styger....	12
38	Rubra Maxima, (new)....	16
39	Solfatare, (new, extra)....	74
40	Sultano Favorite, *a*....	12
41	Tasso, *rose, a*....	9
42	Temple of Appollo, *rose, a*....	9
43	Tuba Flora, *rose, aa*....	16
44	Unica Spectabilis, *deep rose, a*....	13
**45	Veronica, *dark*....	9

Single Violet

**46	L'Unique, *dark violet, a*....	12

Single White.

*47	Baroness Van Thuyll, (new, extra) *aa*....	43
**48	Blanchard, *aa*....	12
49	Cleopatra *rosy, aa*....	10
50	Emicus, *dark rose, a*....	9
*51	Grandeur à Merveille, *rosy, aa*....	10
52	Grand blanche Imperiale, *rosy, aa*....	9
*53	Grand Duchess Anna Paulowna, *rosy, aa*	12
*54	Grand Vainqueur, *aa*....	13
55	Gertrude, *red, a*....	8
56	Hercules, *rosy, aa*....	12
*57	Le Belle Blanchiseusse, (new). *a*....	21
*58	La Candeur, *a*....	12
59	La grande Vedette....	9
*60	La noblesse....	16
*61	La pucelle d'Orleans, *aa*....	10
62	La Trèsure....	9
*63	Mme. Tayllerant *a*....	13
64	Madame Turcq, *a*....	10
65	Mammouth, *rosy aa*....	16
66	Mary of Cambridge, (new)....	16
*67	Monarque du Monde, *rosy a*....	12
*68	Montblanc, (extra) *aa*....	53
69	Pearl, *deep rose, a*....	8
**70	Premier Noble, (early) *a*....	8
*71	Princess Royal of Holland....	15
72	Rademand....	12
**73	Reine de Hollande, (early) *a*....	18
74	Rousseau *rosy, a*....	9
75	Themistocles, *a*....	13
**76	Triumph Blondine, *rosy, a*....	9
*77	Vesta, *rosy, aa*....	12
78	Virgo, *rosy, a*....	12
*79	Voltaire, *rosy, aa*....	10

Single Blue.

*80	Baron von Thuyll, *daisy blue, aa*....	10
81	Bleu mourant, *deep blue, aa*	10
*82	Comble de Gloire, *light blue, a*....	12
*83	Charles Dickens, *blue, aa*....	10
84	Emicus, *deep blue, with white eye, aa*....	8
85	Emilius, *blue, a*....	9
*86	Graf von Nassau, *blue, a*....	13
*87	Grand Lilas, *porcelain, aa*....	13
*88	Grand Vainqueur, (extra.) *blue, aa*....	27
89	Kaiser Ferdinand, *deep blue, aa*	12
90	Konig Oscar, *deep blue*....	16
*91	La Grande Vedette (extra.) *porcelain, aa*	13
92	L'ami du Cœur....	9
*93	La Perousse, (new) *light*....	15

*94 Léonidas, (new) *aa*..... 27
*95 Nimrod, *blue, aa*..... 12
*96 Orondatus *light blue, aa*..... 12
*97 Passe nabopalasser, *deep blue, a*..... 8
*98 Pearl, *porcelain, a*..... 12
99 Porcelaine Sceptre, *porcelain, a*..... 12
*100 Prinz Metternich, *light blue, a*..... 21
*101 Regulus, *light, aa*..... 14
102 Robinson, *light, a*..... 16
103 Thunberg, *deep blue, a*..... 12
*104 Voltaire, *porcelain, a*..... 12

Single Yellow.

†105 Anna Carolina, (new) *deep yellow, aa*... 27
106 Alida Jacoba, *deep yellow, a*..... 12
107 Engelina..... 21
108 Elvière..... 8
109 Fleur d'Or, *pure, b*..... 9
110 General des Tombe, *orange, a*..... 13
†111 Héroine, *deep yellow, aa*..... 12
112 King of Holland, *orange, a*..... 12
†113 La Citronnière (new, extra) *pure, aa*.... 27
114 La pluie d'Or, *pure, b*..... 9
115 La Victoire..... 8
116 Rhinoceros, *orange, a*..... 12
117 Vainqueur, *pure, large bulb, a*..... 9

Single Black.

*118 Mimosa, *(Tombeau de Napoleon) dark blue, aa*..... 16
*119 La Belle Africaine, *dark blue, a*..... 14
**120 La Nuit, (the night,) *black, aa*..... 17
121 Prinz Albert von Preuszen, *black, aa*... 13
*122 William the First, *dark blue, aa*..... 16

Mixed Single Hyacinths.

WITHOUT NAMES.

In ordering Hyacinths in mixture, please state whether they are intended for *forcing* or for the *garden*.

123 Single Red, *of all kinds*..... 6
124 Single Blue " 7
125 Single White " 7
126 Single Yellow " 6
127 All colors, " 6

DOUBLE HYACINTHS.

This rubric can be be separated in the following sections, viz: Half double, double, half full, and full, according to the number of petals. The half double have often several single bells. Though there are many good double flowers blooming very early, it is a general rule that the most fulled flowers are the latest. The most early are marked **, the early sorts with *; these two series succeed very good and easy in forcing. The late sorts, which must be forced slowly and with care, are marked †, and the latest sorts forcing very difficult or not at all, with ††.

aa are superior flowers for exhibitions.; *a*, very fine sorts; *b*, good flowers; *c*, flowers of no great value.

Double Red.

*128 Acteur, *deep rose, a*..... 8
**129 Alida Catharina *red, aa*..... 9
*130 Betsy, *rose, b*..... 10
*131 Bouquet Royal, *rose, aa*..... 15
*132 Bouquet tendre, *dark, aa*..... 12
†133 Cœur Fidèle, *with purple, a*..... 12
*134 Comte de la Coste *red, a*..... 10
*135 General von Ziethen, *red, a*..... 8
††136 Gold-exchange, *rose, a*..... 22
*137 Holland's Glory, (extra) *red*..... 16
†138 Medéa, *red, aa*..... 13
*139 Maria Louisa, *red, a*..... 12
*140 Noble Par Mérite, (new extra)..... 27
*141 Panorama, *red, a*..... 12
*142 Perruque Royal, *rose, aa*..... 16
*143 Prince d'Orange, *red, half double, aa*... 43
**144 Princess Royal, (extra) *dark, aa*..... 9
**145 Regina victoria, (new) *red, aa*..... 9
*146 Rose la Mignonne, *rose, C*..... 8
*147 Rouge, Pourpe and Noir, *red, a*..... 16
*148 Sans Souci, *dark, aa*..... 27
†149 Union, *with purple, a*..... 9

Double White.

**150	à la Mode, *with red, aa*	16
*151	Anna Maria, *with red, vp*	12
152	Czar Nicolas,	9
*153	Gloria Florum, *with purple, a*	16
*154	Grand Duke	12
†155	Grand Monarch de France, *with red, aa*	27
*156	Herman de Lange, *with purple, a*	13
**157	La Tour d'Auvergne, *with yellow, aa*	12
††158	Madame de St. Simon, *with purple, aa*	10
**159	Mathilda, *with red, a*	13
*160	Miss Ketty, *with red, aa*	16
*161	Non plus Ultra, *with purple, aa*	17
*162	Pasge Virgo, *with red b*	12
*163	Prince de Waterloo, *pure, aa*	27
*164	Pyréne, *with yellow, aa*	13
†165	Sceptre d'Or, *with yellow, a*	13
†166	Sphera Mundia, *with blue, aa*	13
†167	Sultan Achmet, *with red, a*	14
*168	Triumph Blandina, *with red, a*	16

Double Blue.

*169	Bloksberg, *light, aa*	16
**170	Duc de Normandie, *blue, a*	14
*171	General Antink, *light, aa*	13
†172	Globe Terrestre, *blue, a*	14
*173	Grand Vedette, *light, a*	16
*174	King of the Netherlands, *blue, a*	12
175	König von Wurtemberg, *dark*	16
176	La Fontaine, *light half double, a*	10
*177	Laurens Koster, *dark, aa*	27
*178	Lord Wellington, *blue, a*	12
*179	Mignon van Dryfhout, *half double, a*	12
*180	Pasquin, *porcelain, a*	16
*181	Prince Frederick, *blue, a*	14
†182	Prinz von Sachsen-Weimar, *half double, a*	12
*183	Rudolphus, *light, a*	12
*184	Shakespeare (new extra) *blue, aa*	27
†185	Tubal Cain, *dark, semi-double, b*	13

Double Yellow.

*186	Bouquet d'Orange, *half double, a*	16
187	Goethe, *bright, aa*	15
188	La Belle Soufre	16
†189	La Grandeur, *bright, a*	27
*190	Louis d'Or, *bright, b*	16
††191	Ophir d'Or, *bright, a*	14
192	Pure d'Or, *orange, half double, a*	17

Mixed Double Hyacinths.

WITHOUT NAMES.

In ordering Hyacinths in mixture, please state whether they are intended for *forcing*, or for the *garden*.

193	Double Red, *of all kinds*		7
194	Double White,	"	8
195	Double Blue,	"	7
196	All colors,	"	6

TULIPS.

For the ornamentation of the conservatory, and sitting-room during the the Winter and Spring months, the Tulip stands unrivaled, both as regards its rich and diversified color, easy culture and accommodating habits. Like the Hyacinth, it wil thrive in almost any soil or situation, and under almost any circumstances, so that its claim to universal cultivation is equal to the Hyacinth, Polyanthus, Narcissus, and Crocus.

For the decoration of the Spring garden it is as indispensable as the Geranium and Verbena is for the Summer and Autumn flower-garden; planted in beds, or grouped in large or small masses in the borders, the brilliancy of the display is unsurpassed by any of the numerous bedding plants which bloom between June and October.

Of the Tulips, the most early varieties are distinguished by ** the early by *.

Of the Tulips the most early varieties are distinguished by ** the early by *, a † indicates those which must be forced slowly and with care. The sorts without any sign are, in general, only adapted for the open border; however by exception in the middle of Winter, the latest varieties of Tulips can be had in bloom, if forced with much care and patience.

Single Tulips.

*197	Bacchus, *red*	4
*198	Bizarre Verdict, *red and yellow*	2
199	Bonaventura, *red*	2
*200	Canary Bird, *yellow*	5
*201	Couleur Ponceau, *true red*	3
*202	Duchesse de Parma, *brown and yellow*	3
**203	Duc van Tholl, *red*	3
**204	Duc van Tholl, *white*	23
**205	Duc van Tholl, *scarlet*	4
**206	Duc van Tholl, *rose*	6
**207	Duc van Tholl, *carmine*	6
*208	Gold Standard, *red*	7
*209	La Précieuse *white and red*	6
210	La Reine, *white*	2
*211	Pottebakker, *white*	8
*212	Purple Crown, *red*	2
*213	Prince, *yellow*	2
*214	Rosamunde, *true rose*	5
*215	Silver Standard, *red and white*	3
216	Thomas Moore, *orange brown*	3
*217	Van Gooijen, *red and white*	5

DOUBLE TULIPS.

*218	Double Duc van Tholl, *violet*	5
*219	La Candeur, *white, variegated, new*	9
*220	Le Blason, *red and white*	12
*221	Purple Crown, *purple*	5
*222	Rex Rubrorem, *red*	4
*223	Rosine, *rose*	4
*224	Titiaan, *brown and yellow*	7
*225	Tournasol, *red*	4
*226	Tournasol, *yellow*	8
227	Vainqueur, *red and white*	5

Early Single Tulips.

228	Red	4
229	Rose	4
230	Red and White	4
231	Orange	4
232	Yellow	5
233	White	6
234	Striped	4
235	Carmine	5
236	Large Tulips, *various colors*, pr dz. 30, pr 100, $2	

Double Tulips.

237	Red	4
238	Rose	5
239	Red and White	6
240	Yellow	4
241	White	6
242	Striped	6
243	Carmine	6
244	Double Tulips, *various colors*, pr dz. 30, pr 100, $2	

CROCUSSES.

This as is well known, is one of our earliest Spring flowers; and producing, as all the varieties do, dense masses of rich colored blossoms, it is beyond question the most effective of its season, and can hardly be too liberally planted in every garden. The more thickly they are planted, the greater is the effect produced—say in clumps, six, twelve, or more bulbs, or in beds of one hundred to five hundred

bulbs, either in separate colors or mixed. We strongly recommend the finer varieties for in-door decoration, for which purpose they are exceedingly useful, blooming as they do at a season when flowers are scarcely to be had, except by those who can afford expensive erections for their culture. With ordinary care the Crocus will bloom freely in any sitting room window.

CULTURE OF CROCUSSES IN FLOWER BORDERS OR BEDS.

Plant in the open ground in October, November, or early in December as circumstances will permit preferring deep, light, rich, sandy soil; but the Crocus will thrive in any ordinary soil or situation. In planting, the bulbs should be covered from two to three inches with fine mould; and not more than two inches apart. For edging borders and beds, the Crocus is also exceedingly useful; and where planted in lines along the margin of walks, or in clumps of three, six, twelve or more bulbs each, and allowed to remain in the ground for several years, the effect of the immense masses of flowers which they produce is all that can be desired. A very effective display in a flower garden in March, may be produced by each bed having a broad edging of Crocus, the colors being nicely arranged and contrasted. This may be secured without interfering with either the Spring or Summer occupants; for the bulbs may be planted close to the outside of the bed, where they will scarcely be in the way, either in digging or in planting A splendid effect may be produced by scattering the bulbs broad-cast upon lawns, and planting under the turf wherever they fall. In this way the lawn will be gay with their showy blossoms, as soon as the Snow is off in Spring. Unless the bulbs become too numerous, and the leaves spread over more space than it may be desirable to have covered with them, they should not be disturbed, as they bloom more profusely when well established. Care must be exercised, however, to protect the bulbs from mice, as they are exceedingly partial to them, especially in Winter.

CULTURE OF CROCUS IN POTS, VASES, BASKETS, &C.

For blooming in-doors, either in pots or in any of the various contrivances which are used instead of pots, strong bulbs of the seeding varieties should be selected, planting them in succession, commencing as early in Autumn as they can be procured. For pot culture use good, rich, sandy soil, and secure perfect drainage, a liberal supply of water being necessary during the blooming season; therefore, any defect in the drainage would cause the soil to become sodden. Planted in china bowls, saucers, etc., filled with moss or sand drainage is unnecessary, but on no account should the moss or sand ever be allowed to get dry. Treatment same as recommended for Hyacinths in sand or moss.

CULTURE IN GLASS.

This is a very pretty and simple mode of culture. Treat them in the same manner as recommended for Hyacinths, and use only large, strong bulbs. The Crocus glass of Tye's pattern is particularly recommended for their culture.

	PER DOZ.	PER 100
245 Albertine of Verscolor	.15	1.10
246 Blanchard. *white*	.18	1.30
247 Cloth of Gold. *yellow, a*	.12	80
248 Grand Duc, *white*	.14	1.00
249 Grand Vedette, *light blue. a*	.15	1.10
250 Mont Blanc. *white, b*	.20	1.50
251 Non Plus Ultra, *blue, a, m*	.15	1.10
252 Othello, *purple, a*	.15	1.10
253 Queen Victoria, *white, b*	.15	1.10
254 Walter Scott, *striped, a, m*	.17	1.30

Crocusses.

WITHOUT NAMES.

	DOZ	PER 100
255 Blue	.15	1.00
256 Purple	.25	1.00
257 White	.15	1.00
258 Striped	.15	1.00
259 Yellow	.15	1.00
260 Crocusses, *of various colors*	.13	80

NARCISSUS.

A splendid flower for Winter and Spring decoration, whether for the ornamentation of the conservatory, sitting room, or flower garden. In importance it ranks next to the Hyacinth, so that however limited the collection of plants may be, if there is not in it a fair proportion of this delightfully fragrant flower it will be deficient of a most essential ornament. Its perfume is that of the Jonquil, and its flower resembles the well-known Polyanthus, hence its name Polyanthus-like-Narcissus. Associated with Hyacinths and early Tulips, whatever be the style of decoration, whether on a flower stand, in a vase, or sitting-room window, it imparts a truly picturesque appearance; while in the flower-garden the display is so rich and the contrast to the Hyacinth so excellent, that once used it would become as indispensable an element in the decoration of the flower-beds and borders as either the Hyacinth or Tulip. The Double Roman planted early may be had in flower in-doors before Christmas, and a succession of bloom from the other varieties can be maintained till May.

Culture in-doors is the same in every essential point as the Hyacinth, and succeeds in the many novel ways we have suggested for that lovely flower. The bulbs being large, we recommend a five or five and a half inch pot for one bulb, and a seven inch pot for three.

Culture out of doors is essentially the same as the Hyacinth, except that the crown of the bulb should be at least five inches under the surface, and for winter protection should be covered with about three inches of newly dropped leaves, or evergreen branches. Time of planting the same as recommended for the Hyacinth.

All Narcissus are for the open ground, they force easily; are the earliest and the latest sorts, these must be forced slowly.

SINGLE POL. NAR.

*261 Bazelman Major, *white, yellow cup, very fine*	22
*262 Bazelman, Minor, *white, yellow cup, smaller than preceding*	10
†263 Dubius, *pure white, very delicate*	6
264 Gloriosa, *white, yellow cup, very large*	8
265 Grand Monarque, *white, yellow cup, large*	10
266 Grand Primo, *white, yellow cup, large*	10
267 Grand Soleil, d'Or, *fine yellow, orange cup, very handsome*	7
268 Luna, *pure white*	8
269 States General, *lemon yellow, orange cup*	13
270 States General, *white*	7
271 Mixture of all sorts, per 100, $4.	5

GARDEN NARCISSUS.

Double Varieties.

†272 Albus, Plenus Odoratus, *pure white, double, very fragrant*	4

273 Incomparable, *yellow and orange*..... 3
274 Orange Phœnix, *orange and buff*..... 2
275 Sulphur Crown, *very double, silver white and sulphur*..... 5
276 Van Sion, *(Double Yellow Daffodil.) a well-known and established favorite.* 3
277 Mixtures.....per 100, $2 3

Single Varieties.

278 Biflorus, *(medio luteus)*..... 4
279 Bifrons, *(Etoile d' Or, yellow jonquil like flowers*..... 5
280 Bulbocodium, *(Hoop Petticoat,) fine for pot culture*..... 20
281 Maximus, *(Trumpet,) deep golden yellow, large*..... 5
282 Moschatus, *(Sulpher Trumpet,)*..... 9
283 Poeticus *(Pheasant's Eye) pure white, the cup beutifully edged with red fragrant* 3
284 Mixture,.....per 100, $2. 3

JONQUILS.

Pretty flowers—greatly prized on account of their fragrance. Culture same as the Polyanthis Narcissus, except that a four or five inch pot will be large enough for three roots, while a six or seven inch pot will grow five or six roots.

	EACH.		EACH.
285 Double, *sweet scented*.....	9	287 Single, *sweet-scented*.....	4
286 " " "	8	288 Large, single	3

ANEMONES.

All Anemones are for the open ground. It is nearly impossible to force them. The Anemone Corondria can be sent out the whole year, as they can be kept very long in a dry state. The other sorts are only sent out in Autumn.

The hardy Spring flowers are becoming better known and more popular each succeeding year, and no Spring garden should be without them. They are well adapted either for pot or border culture, and when planted in masses are most brilliant—few flowers more so; their moderate cost brings them within the reach of all. The collection subjoined comprises the most brilliant scarlet, red, blue, rose and green The flowers are larger, equally dwarf, and continue in bloom longer than the Ranunculus.

They succeed best in a rich loam, but will thrive in any well-drained good garden soil. The bed, if possible, should slant due South. Sea sand mixed with the soil is very beneficial. If planted in beds, the rows should be six inches apart, the tubers placed six inches in the rows and two inches deep. In clumps they produce a very striking effect, but as an edging they are most attractive, especially the scarlet varieties, double and single. Plant in October or November, or as soon as the ground can be worked in Spring, and protect as recommended for Ranunculus.

	EACH.
289 Duchess of Lotharingen, *deep rose*.....	3
290 Josephine, *scarlet*.....	5
291 L'Eclair, *scarlet*.....	4
292 Julia, *dark red and green*.....	4
293 Lord Palmerston, *dark blue*.....	3
294 L'Ornament de la Nature, *dark blue*, (large extra).....	5
295 Maria Stuart, *scarlet, a little variegated*..	3
296 Queen of the Netherlands, *white and rose*	4
297 Tricolor, *red variegated*.....	4
298 Mixture of all colors, 1st quality, ...per 100, $2.25	3

Single Anemones.

(Anemone Coronaria)

	EACH
299 Single purple, ...	3
300 " red.....	3
301 " scarlet	3
302 " white.....	3
303 Mixture of all colors, 1st quality, ...per 100 $2.00	2

RANUNCULUS.

The Ranunculus have long been held in high repute, and for beauty of form and brilliancy of color, are scarcely to be surpassed. It has not been cultivated to any extent in this country, as it is supposed by many that our climate is too severe. By following the directions here given, it may be grown without difficulty. Their great beauty will amply repay the cultivator for the little extra care they may require. The Persian Renunculus is perhaps unequalled among dwarf flowers for its brilliant shades of color, exquisite form, and uniform beauty, while the Turban or Turkish varieties, with their showy flowers, produce a display which may truly be termed magnificent. They flower sufficiently early to be removed in time to have their places occupied with bedding plants.

Culture in the Open Air.

As the Ranunculus requires a firm soil, it is advisable to work up the beds with the addition of whatever compost may be thought necessary some time previous to planting, in order that the roots may settle down firmly.

The situation of the beds should be cool and somewhat moist—at the same time, there should be good drainage. The most suitable soil is a hazelly loam. If, therefore, the natural soil be suitable, remove it to the depth of about two feet, and four feet in width, replacing it with a rich loam from an old pasture, this ought to be rather firmly trodden in, and should form the foundation and principal portion of the bed. On this should be laid a liberal dressing of well decayed manure, mixing it a little with the under soil; and over this, for the top of the bed, should be laid a layer of soil six inches deep, for planting the tubers in; this latter should be stiffish fibry loam, mixed with well-decayed cow-dung and leaf-soil. Plant in October, November or December, and protect thoroughly from frost by a covering of straw or leaves.

For planting, select a fine day, and stir the surface of the beds to a depth of three or four inches; draw the drills out at about five inches apart, sprinkle a little sand along them, and insert the bulbs at a distance of about four inches, pressing each root gently into its place; then cover with silver sand, and level the beds in the usual manner. When the foliage shows fairly, fix the soil about them, and even tread or rake the intermediate spaces.

Should dry weather occur in April or May, give the beds a liberal drenching of water, taking care to wet the foliage as little as possible, and cover the surface with about half an inch of sand, which will prevent cracking, and help to retain the moisture. When the buds begin to appear, and during the flowering season, should the weather prove dry, water must be liberally supplied, at least twice a week.

As soon as the foliage has become quite yellow, the tubers should be lifted, gradually dried and stored in some cool, airy situation.

Culture in pots may be successfully practiced by using the compost described above, and planting three bulbs in a five-inch pot. Place them in a cool frame, and remove them, few at a time, to the greenhouse or conservatory.

Double Persian Ranunculus.

		EACH.	DOZ.
304	Aigle noir, *black*	4	40
305	Belle Mignonne, *yellow*	4	40
306	Bouton d'Or, *(red star,)*	4	40
307	Commodore Napier, *primrose, tipped purple*	4	40
308	Fireball	4	40
309	Imperatrice de Russie, *rosa*	4	40
310	Reine de Portugal, *agath*	4	40
311	Turkish Emperor, *black*	4	40
312	Black, mixed....each, 2. doz. 20 per 100, $1.40		
313	Yellow	2 20	1.40
314	Red	2 20	1.40
315	White	3 34	2.75
316	Best Mixed of all colors, 1st quality	2 18	1.20
317	Best Mixed of all colors, 2d quality	EACH. 1	DOZ. 12 PR. 100 0.95

Double Turban Ranunculus.

		EACH	DOZ.
318	Black Turban	4	40
319	Carmine Turban	4	40
320	Grandiflora, *purple variegated*	4	40
321	Hercules, *white*	5	50
322	Merveilleuse, *orange yellow*	4	40
323	Romana, *scarlet*	4	40
324	Seraphine d'Alger, *citron*	4	40
325	Soucis doré, *true*	7	70
326	Turban d'Or, *scarlet with gold*	4	40
327	Finest mixed varieties	4	40

FRITILLARIA.

(Crown Imperials.)

We might say much in favor of this old-fashioned Spring-blooming plant with its cluster of pendant bell-shaped flowers surmounted with a tuft of green leaves, but it is so well-known, having been cultivated nearly three centuries, and may be met with almost everywhere; we may, however, just notice that it is perhaps the most useful Spring plant we have for relieving the monotony of the flower borders, and imparting a lively appearance to shrubberies. They grow freely in any common well-drained soil.

		EACH.			EACH.
328	Aurora, *red*	20	331	Folium Argenteum. *silver striped foliage.*	70
329	Cupids, *orange*, (new)	30	332	Maxima. *bright red, single*	25
330	Folium Aureum, *gold striped foliage*	25	333	Mixture	11

GLADIOLUS.

The several sections of this interesting tribe, in their hardy and half-hardy divisions, constitute one of the finest features of the flower garden. But few varieties, however, are hardy enough to withstand the severity of our Winters, of which the annexed is a list. They require the same culture as that recommended for Hyacinths.

		EACH.	DOZ.
334	Byzantinus, *crimson, purple, (easy)*	4	40
335	Communis flora alba, *white*	5	50
336	" " rubra, *red*	5	50
337	" " rosea, *rose*	5	50
338	Fine mixed varieties	5	50

Hybrids of Ramosus.

They can be confidently recommended as very ornamental garden plants,

		EACH.	DOZ	100
339	Ernst Maltravers, *extra for bedding*	10	1.00	$8
340	Lamartine, *extra*	10	1.00	8
341	Paulowna, *extra early*	10	1.00	8
342	Prof. Blume, *extra*	10	1.00	8
343	Von Siedold, *extra*	10	1.00	8
344	Washington, *extra*	10	1.00	8
345	Mixture	4	40	3

Hybrids of Gandavensis.

346	25	Choice named varieties, *old sorts*			2.50
347	25	" " " *older* "			3.25
348	25	" " " *good* "			4.00
349	25	" " " *beautiful sorts*			5.25
350	25	" " " *good sorts*			7.75
351	25	" " " *very good sorts*			10.25
352	25	" " " *fine sorts*			12.75
353	25	Mixture of different sorts			1.00

Our collection contains all the new and desirable varieties introduced in this season, to be planted in the Spring.

LILIES OF THE VALLEY.

The Lily has long been celebrated for its rare and chaste beauty. It always has been and always will be a favorite. Its name has been handed down to us from the most remote ages, immortalized by painters and poets as emblematical of purity and beauty.

The Lilium is equally adapted for the ornamentation of the conservatory, sitting-room and verandah as it is for the flower borders.

We will send to our customers directions for treating the Lilly.

		EACH.
354	Browni, *superb white. 2 1-2 feet*	2.50
355	Bulbifurum umbellatum, 1 1-2 to 3 feet *high, with dark green foliage, rich orange cup-shaped blossoms, very showy*	15
356	Candidum flore simplice, *the well-known white Lily, strong bulbs*	15
357	Candidum flora pleno, *a double variety of the preceding, very showy*	20
358	Chalcedonicum, *brilliant scarlet, 3 to 4 feet high, with large brilliantly colored recurved blossoms, resembling Turks' caps*	65
359	Excelsum, *(Toabellinum Testuccum,) beautiful buff, 1 foot*	30
360	Eximium, *similar outline to the foregoing, but of larger growth; somewhat taller, equally hardy, but more conspicuous from its larger growth*	35
361	Fulgens umdellatum, *mixture, very recommendable for bedding*	11
362	Longiflorum, *large and beautiful snow-white trumpet-shaped flowers, fragrant, hardy species, from 12 to 18 inches in hight*	10
363	Superbum, *salmon, 2 feet*	20
364	Venustum, *dwarf habits, fine orange*	25

Lily of the Valley.

CONVALLARIA MAJALIS.

One of the most beautiful of Winter and Spring flowering plants for early forcing in pots, whose delicious odor is universally sought, and is provervial for its neat and chaste outline of growth, which is close, dwarf and compact.

We can offer you Convellaria Majalis, at half the price mentioned in our catalogue, but as inferior qualities hardly ever give any satisfaction, we prefer to introduce only the *superior sorts.*

		EACH.
365	Convallaria Majalis, *(white), large clumbs from 20 to 25 buds for forcing, (three years) per clumb*	20
366	Convellaria Majalis, *(white,)* 25 *buds on one bush, (three years,) per* 25	70

IRIS.

All Iris are for open ground, *japonica* and *tuberosa* excepted. Good for forcing are: persica, reticulata, pumila, etc. For slow forcing: Susina and tuberrosa.

Among the many forms of floral beauty which adorn the flower borders in June, the Iris has claims which entitles it to a more than ordinarily prominent position; the flowers are large and handsome, the colors extremely rich and varied, the hight of the plant is from eighteen to twenty-four inches, while its cultivation is unusually simple, succeeding in any ordinary garden soil; when planted in clumps, of three or more, and allowed to remain undisturbed, they improve in beauty each successive year.

Should be planted in the Fall as early as possible as the bulbs keep very badly out of the ground.

	EACH.	DOZ.	100
367 Angelica, *in 25 sorts*	5	50	3.50
368 " *mixture*	2	15	1.50
369 Hyspanica, *in 25 sorts*	5	50	3c00
370 " *mixture*	2	15	1.00
371 German or Fluer de Lis, *a splendid herbaceous perenial, 25 distinct varieties*	10	1.00	9.00
372 Japonica, *a beautiful flower*	20	2.00	17.00
373 Persica, *white, blue, purple and yellow*	10	1.00	9.00
374 Pavonia, *pure white, each petal blotched with bright blue; for pot culture these bulbs should be planted in a five inch pot*	10	1.00	9.00
375 Reticulata, *a splendid flower*	75	8.00	60.00
376 Susiana, *blush tinted, nettid with dark lines, a remarkable looking and exceedingly handsome flower*	75	8.00	60.00
377 Tubrosa, *a admirable flower*	18	1.90	15.00

SCILLA.

This very beautiful genus of plants is one that should be grown by every lover of early Spring Bulbs, and the species enumerated below, and which are the most distinct and beautiful sorts, will be found deserving of extended cultivation. They are all quite hardy and adapted for cultivation in the open ground. and they are also very suitable for growing in pots. They are of very dwarf habit, averaging six inches in height, and many of them being even less than that; and. as will be seen the prevailing colors are blue and white. The flowers are borne in spikes of from six to twelve blooms each, the individual bell-like blossoms being gracefully pendant, with the exception of peruviana, which produces large, erect trusses of bloom.

When grown in pots, the number of bulbs placed in each should of course be regulated in accordance with the size of the pot, and for open ground planting, their very dwarf growth adapts them for margins, edgings, &c.

	EACH.	DOZ.	100
378 Amoena, (*parecox*), *of the trade, (the true seberian), very early, dark blue*	5	55	4.25
379 Campanulata alba, *white*	15	1.60	13.00
380 " major, *bright blue,*	5	55	4.25
381 Ceruna rosea, *rose red*	5	55	4.25
382 Nutaus alba, *white*	5	55	4.25
383 " rubra, *red*	7	75	6.00
384 " coerulea elegans, *new*	5	55	4.25
385 Mixture of all sorts	3	30	2.25

We are authorized to offer you from prominent florists in Holland, till **June 15th,** assorted cases Dutch Flowering Bulbs, of superior quality.

The price per case (**2209 bulbs,**) is **$60** currency, discount included, or $55 when 5 cases are ordered. On each order for cases a deposit is requested, and the balance of the amount llbe collected C. O. D. The following are the contents of each case

48 Single Red Hyacinths.

Of the following sorts, there are 6 each. Norma, La Belle Corrina, Mad. Hodson, Delia, L'ami du Cœur, Temple of Apollo, Mad. de Maintenon, Betsy.

42 Single White Hyacinths.

Of the following sorts, there are 6 each. Voltaire, Grandeur a Merveille, Madame Turcq, Grand Vedette, Premier Noble, Pearl, Triumphe Blondine.

42 Single Blue Hyacinths.

Of the following sorts there are 6 each. L'ami de Cœur, Grand Lilas, Kaiser Ferdinand, Emicus, Bleu Mourant. Charles Dickens, Baron van Thuyll.

18 Single Yellow Hyacinths.

Of the following sorts, there are 6 each. King of Holland, La Victoire, La pluie d'Or.

48 Double Red Hyacinths.

Of the following sorts, there are 6 each Bouquet tendre, Panorama, Acteur, Princess Royale, Cœur Fidele, General von Ziethen, Union, Rose la Mignonne.

30 Double White Hyacinths.

Of the following sorts, there are 6 each. Sceptre d'or, La Tour d'Auvergne, Czar Nicolas, Anna Maria, Passe Virgo.

36 Double Blue Hyacinths.

Of the following sorts, there are 6 each. Bloksberg, Lord Wellington, General Antinck, Mignon de dryfhout, King of the Netherlands, La Fontaine.

200 Mixed Hyacinths.

100 Single, 100 Double,

225 Single Early Tulips.

100 Mixed, 50 Duc van Tholl, red, 25 Bonaventura, 25 Yellow Prince, 25 Silver Standard

250 Double Tulips.

100 Mixed, 50 Duc van Tholl, violet, 25 Rosine, 25 Tournesol, red, 25 Yellow rose, 15 Striped, 10 Carmine.

800 Crocus.

200 Yellow, 200 Blue, 100 Cloth of Gold, 100 each of White, Striped, Purple.

370 Assorted Roots.

30 **Polyanthus Narcissus,** 6 Luna, 6 Gloriso, 6 State general white, and 12 Mixed.
6 **Crown Imperial,** Aurora.
50 **Ranunculus,** Mixed, 1st quality.
12 **Narcissus,** double, van Sion.
50 **Scilla,** Mixed.
35 **Gladiolus.**
35 **Hybrids of Ramosus,** Mixed.
50 **Jonquils,** single, sweet scented 25 large single.
25 **Anemones,** double, Lord Parmerston.
40 " Single Purple, Red, Scarlet, White, 10 of each.
37 **Iris,** 25 Hyspania, Mixed. 12 Angelica.

GRUBE & NIEUWLAND.

13 First Street.

In the future, we send our (free) Catalogue only to those WHO GIVE US NOTICE.

Flor Soda Lyde